

## 5400FH Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### General Description:

Security & Commercial Audio Cable, Riser-CMR, 2-20 AWG stranded tinned copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

### Usage (Overall)

**Suitable Applications:** Intercom/PA Systems, Sound/Audio Systems

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	20	7x28	TC - Tinned Copper

**Total Number of Conductors:** 2

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.203

#### Outer Shield

**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100

**Outer Shield Drain Wire AWG:**

AWG	Stranding	Drain Wire Conductor Material
24	Solid	TC - Tinned Copper

#### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

**Outer Jacket Ripcord:** Yes

#### Overall Cable

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 3.607 mm

### Mechanical Characteristics (Overall)

**Operating Temperature Range:** -20°C To +75°C

**Bulk Cable Weight:** 19.347 Kg/Km

**Max. Recommended Pulling Tension:** 165.028 N

**Min. Bend Radius/Minor Axis:** 38.100 mm

## 5400FH Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
NEC Articles:	800
CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Flame Test

UL Flame Test:	UL1666 Vertical Shaft
C(UL) Flame Test:	FT4

#### Suitability

Suitability - Indoor:	Yes
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6400FH

### Surface Printing (Overall)

Surface Printing:	NEW GENERATION(R) BY BELDEN 5400FE CMR 75C 2C20 SHIELDED (UL) E108998 OR C(UL) CMG----FT4 (2 FT., 7 DIGIT SEQUENTIAL) FEET
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### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/m)	0.509
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#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)	131.240
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#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)	236.232
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#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)	33.7943
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#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)	54.793
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#### Max. Operating Voltage - UL:

Voltage	300 V RMS
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#### Max. Recommended Current:

Current	3.75 Amps per conductor @ 25°C (10°C rise in temp)
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### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5400FH 008U1000	1,000 FT	14.000 LB	GRAY		2 #20 PO FS FRPVC
5400FH 0081000	1,000 FT	14.000 LB	GRAY		2 #20 PO FS FRPVC

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